

PPAR Delta mouse Monoclonal Antibody(1D7)
Catalog # AP63725**Specification****PPAR Delta mouse Monoclonal Antibody(1D7) - Product Information**

Application	IHC-P
Primary Accession	Q03181
Reactivity	Human, Rat, Mouse
Host	Mouse
Clonality	Monoclonal

PPAR Delta mouse Monoclonal Antibody(1D7) - Additional Information**Gene ID** 5467**Other Names**

Peroxisome proliferator-activated receptor delta (PPAR-delta) (NUC1) (Nuclear hormone receptor 1) (NUC1) (Nuclear receptor subfamily 1 group C member 2) (Peroxisome proliferator-activated receptor beta) (PPAR-beta)

Dilution

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

PPAR Delta mouse Monoclonal Antibody(1D7) - Protein Information**Name** PPARD ([HGNC:9235](#))**Synonyms** NR1C2, PPARB**Function**

Ligand-activated transcription factor key mediator of energy metabolism in adipose tissues (PubMed:35675826). Receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Has a preference for poly-unsaturated fatty acids, such as gamma- linoleic acid and eicosapentanoic acid. Once activated by a ligand, the receptor binds to promoter elements of target genes. Regulates the peroxisomal beta-oxidation pathway of fatty acids. Functions as transcription activator for the acyl-CoA oxidase gene. Decreases expression of NPC1L1 once activated by a ligand.

Cellular Location

Nucleus.

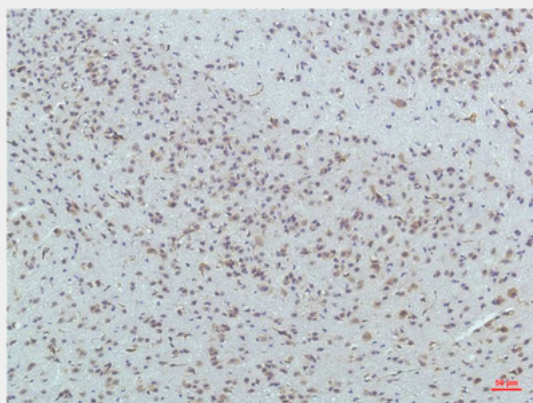
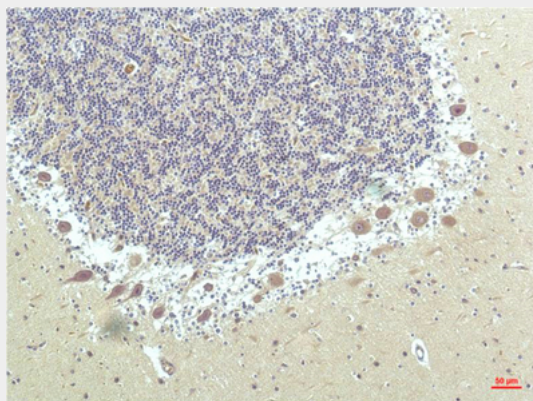
Tissue Location

Ubiquitous with maximal levels in placenta and skeletal muscle

PPAR Delta mouse Monoclonal Antibody(1D7) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PPAR Delta mouse Monoclonal Antibody(1D7) - Images**PPAR Delta mouse Monoclonal Antibody(1D7) - Background**

Ligand-activated transcription factor. Receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Has a preference for poly-unsaturated fatty acids, such as gamma-linoleic acid and eicosapentanoic acid. Once activated by a ligand, the receptor binds to promoter elements of target genes. Regulates the peroxisomal beta-oxidation pathway of fatty

acids. Functions as transcription activator for the acyl-CoA oxidase gene. Decreases expression of NPC1L1 once activated by a ligand.